



Amendments to the Claims:

1. (Previously Presented) A gas laser device having a repetition rate of 4 kHz or more comprising:
 - a laser chamber having laser gas filled therein;
 - a pair of main discharge electrodes oppositely arranged in the laser chamber and spaced apart by a predetermined distance;
 - a cross-flow fan located within the laser chamber for circulating the laser gas within the laser chamber at least between the main discharge electrodes; and
 - a bearing structure for rotatably supporting the cross-flow fan, wherein a diameter of the cross-flow fan is 150 mm or less and a peripheral speed thereof is 25.0 m/s or more.
2. (Original) The gas laser device according to claim 1, wherein the peripheral speed of said cross-flow fan is 27.0 m/s or more.
3. (Original) The gas laser device according to claim 1, wherein said bearing structure is a roller bearing adapted for being rotated at 4500 rpm or less.
4. (Currently Amended) The gas laser device according to claim 1, wherein said bearing structure is a magnetic bearing adapted for being rotated at less than 5000 rpm or less.

